



**IDS GB meeting**

**AGENDA:**

review of current list of actions  
Retreat: synthesis and preparation of a list of short term actions  
AWG: synthesis  
Data and Products

- Sentinel-3B
- DPOD, cumulative solution

WG NRT data: status report  
Next IDS Workshop in Ponta Delgada  
Next IDS elections  
IDS report 2017  
Next newsletter  
Proposal for IDS associates?  
AOB

**MAIN DECISIONS:**

**ATTENDEES:**

GB members

Hugues Capdeville, Pascale Ferrage, Frank Lemoine (chair), Jean-Michel Lemoine, Guilhem Moreaux, Jérôme Saunier, Laurent Soudarin, Petr Štěpánek, Marek Ziebart

Excused

Denise Dettmering, Brian Luzum, Patrick Michael

<b>Actions list</b>	See appendix
<b>Review of current list of actions</b>	<p><u>Actions closed:</u> GB_17_01, GB_17_02, GB_17_03, GB_17_04, GB_17_08, GB_17_09 (see below), GB_17_10, GB_17_11, GB_17_12</p> <p><u>Still open:</u> GB_14_18, GB_16_12, GB_16_20, GB_17_02, GB_17_06, GB_17_07, GB_17_13, GB_17_14</p> <p><u>GB 17 09:</u> The GB encourages Christian Jayles first to publish an article in a journal or as a technical note (at least for intellectual property protection), then IDS will promote this article in the Newsletter. Guilhem, Frank, Jean-Michel and Hugues can help with the article.</p> <p><b>Action GB_18_01:</b> Laurent will send the article to Guilhem, Frank, Jean-Michel and Hugues + cc Christian.</p>
<b>IDS retreat</b>	<p>The topics of the retreat have been successfully covered (enough time and good contributions). Everybody could express themselves through different forms of participation (all together, small groups, anonymously). The outcomes should be the bare bones of the strategic plan.</p> <p>The IDS GB decided that the next steps will be as follows:</p> <ol style="list-style-type: none"> <li>1. A full report will be prepared for the IDS GB, to summarize the discussions and conclusions of each part of the retreat. Marek will prepare the draft of the report which will be complemented by inputs and edits from Guilhem, Laurent, Frank as well as the secretaries of each session, as appropriate.</li> <li>2. a GB meeting will be held in early September 2018 in Paris, France, location TBD. The main topic of the GB meeting will be to decide on strategy and actions following the retreat.</li> <li>3. As recommended by Marek, we will follow later in the year with consultations with the appropriate stakeholders and proceed with implementation of our plan.</li> </ol> <p><b>Action GB_18_02:</b> Marek will lead the report  <b>Action GB_18_03:</b> Frank will ask the secretaries to provide their notes  <b>Action GB_18_04:</b> Laurent will remove the presentations from the ftp and propose a tar file to the participants if needed.  <b>Action GB_18_05:</b> Frank will organize a meeting in Paris early September, with the support of the Central Bureau  <b>Action GB_18_06:</b> Frank and Guilhem will write thank-you letters (BdL, CNES, invited people)</p>
<b>AWG synthesis</b>	<p>The last International DORIS Service Analysis Working Group (IDS-AWG) was hosted in CNES on June 11, thanks to our guests Pascale Ferrage and Alexandre Couhert.</p> <p>The main objectives of this meeting were:</p> <ul style="list-style-type: none"> <li>- DORIS mission and system news and DORIS network status</li> <li>- ACs and CC status and schedule</li> <li>- Status of the IDC ACs associated</li> <li>- Development of a model for DORIS USO thanks to GNSS measurements</li> </ul>

	<ul style="list-style-type: none"> <li>- Discussion about the contribution of the DORIS scale factor and Geocenter to the realization of the ITRF</li> <li>- Discussion about DORIS Systematic errors and Biases</li> <li>- Adoption and assessment of the new standards/models recommended by IERS</li> </ul> <p>The issues that have be discussed are:</p> <ul style="list-style-type: none"> <li>- DORIS systematic errors and biases</li> <li>- Implementation of RINEX DORIS processing</li> <li>- Implementation of any new phase law for ground antenna</li> <li>- Adoption and assessment of the new standards/models recommended by IERS</li> <li>- IDS position for the next ITRF</li> </ul> <p>The priority #1 is the implementation of RINEX/DORIS processing by all the ACs to consider the DORIS data of the last satellites Jason-3, Sentinel-3A and Sentinel-3B, crucial for the contribution to the next ITRF.</p> <p>In response to the consultation for the preparation of the next ITRF solution sent by Zuheir Altamimi, the IDS has proposed an ITRF2020, considering the following steps:</p> <ul style="list-style-type: none"> <li>-From now, assessment of the new standards/models</li> <li>-The reprocessing could start in the second half of 2019 for at least 6-8 months to reprocess the full history of DORIS observations.</li> <li>-Evaluation and elaboration of the combination by the Combination Center will take between 9 and 12 months.</li> </ul> <p>See the Minutes of the meeting, including the list of actions in progress and new actions from the discussion:  <a href="https://ids-doris.org/images/documents/report/AWG201806/IDSAWG201806_Minutes.pdf">https://ids-doris.org/images/documents/report/AWG201806/IDSAWG201806_Minutes.pdf</a></p>
<p><b>Data and Products</b></p>	<p><u>Sentinel-3B</u>  Dissemination of Sentinel-3B files will start soon, still a minor format issue to fix.</p> <p><u>V03 for DPOD2014 and Combined solution</u>  under way, no major problem. Issue scheduled for September.</p> <p><u>New products</u>  The Combination Center proposes as new products:</p> <ul style="list-style-type: none"> <li>-a SINEX Masterfile derived from the DPOD solution. The GB approves the delivery of the file.</li> <li>-EOP series derived from the combined solution as well as the series of the ACS from the analysis of the CC. They will be stored at the DCs (as the STCD) and provided to the IERS EOP service.</li> </ul> <p><b>Action GB_18_07:</b> The CC will contact the DCs for a storage solution of the Sinex Masterfile.  <b>Action GB_18_08:</b> The CC will get approval of ACs for the EOP series.</p>
<p><b>WG NRT-DORIS data</b></p>	<p>Status report (from slides sent by Denise):</p> <ul style="list-style-type: none"> <li>-First meeting planned for IDS Workshop in September</li> <li>Until now: online communication</li> </ul>

	<p>-Problem: currently, most members are still in the process of building up DORIS expertise; Consequences: no results until now</p> <p>-First results will be presented at IDS Workshop in Ponta Delgada in September: Consistency of the DORIS and GPS assessments for real-time global ionospheric maps (CAS) The impact of low-latency DORIS data on near real-time VTEC modeling (DGFI-TUM)</p>
<p><b>Next IDS Workshop in Ponta Delgada</b></p>	<p>-22 abstracts have been submitted for the Workshop. Laurent will send the list to Hugues.</p> <p>-The question of the proceedings is raised. Frank will address this issue.</p> <p>-The workshop is the opportunity to visit the DORIS station and meet the local host. The GB proposes to invite the representative of the host agency to the GB meeting. Guilhem and Jérôme will present a poster about the DORIS station in Ponta Delgada, that can be used for an article in the Newsletter.</p> <p>-The POD session of the “25 years of Progress in Radar Altimetry Symposium” is held in parallel to the Workshop.</p> <p>-15 years of the IDS: no special event for the anniversary.</p> <p><b>Action GB_18_09:</b> Laurent will send the list of abstract to Hugues.</p> <p><b>Action GB_18_10:</b> Frank will address the issue of the proceedings (ask Pascal Willis how to do, ask the authors what their intentions are, find one or two editors)</p> <p><b>Action GB_18_11:</b> Laurent will ask Jérôme Benveniste for the content of the POD session of the Symposium.</p> <p><b>Action GB_18_12:</b> Jérôme will contact the host agency to organize a visit of the station and invite the representative to the GB meeting.</p>
<p><b>Next IDS elections</b></p>	<p>The CB will organize the elections for the renewal of 2 positions for 2019-2022: Analysis Coordinator, Member-at-large (Marek’s seat). The calendar is proposed as follows:</p> <ul style="list-style-type: none"> <li>• June-July: update of the list of IDS Associates</li> </ul> <p>-With the help of GB members, CB reviews the list of the IDS Associates (= persons representing organizations that participate in any of the IDS components) in particular host agency representatives (current version on <a href="https://ids-doris.org/organization/associate-members.html">https://ids-doris.org/organization/associate-members.html</a>, as on 2016.09.09).</p> <p>-CB gets approval by the GB</p> <p>-CB updates the list on the web site and the mailing list <a href="mailto:ids.associates@ids-doris.org">ids.associates@ids-doris.org</a></p> <ul style="list-style-type: none"> <li>• Mid-July - October: call for nomination (reminders early September and early October)</li> </ul> <p>-GB forms the nominating committee (NC): chair of NC (member of GB not currently up for re-election, appointed by chair of GB) + two members chosen by GB from the list of IDS Associates</p> <p>-CB updates the mailing list <a href="mailto:ids.nc@ids-doris.org">ids.nc@ids-doris.org</a></p>

	<p>-NC solicits nominations from the IDS Associates for each position to be filled; at least two candidates are required for each position.</p> <p>-NC collects propositions, contacts the proposed candidates to obtain their application (CV and agreement), and establishes a list of candidates to be presented to the GB;</p> <p>-CB puts on IDS web site the list of candidates with their applications</p> <p>-CB/GB finds a person to collect the votes and updates the mailing list <a href="mailto:ids.elections@cls.fr">ids.elections@cls.fr</a></p> <ul style="list-style-type: none"> <li>• Early November: call for vote</li> </ul> <p>-CB invites the Associates to vote by email during a period to be defined. Ballots will be sent back to <a href="mailto:ids.elections@cls.fr">ids.elections@cls.fr</a></p> <p>-CB provides results of the vote to GB for validation</p> <p>-CB announces results by DORISmail and mails to elected candidates</p> <p>-CB updates the GB page on the web site <a href="http://ids-doris.org/organization/governing-board.html">http://ids-doris.org/organization/governing-board.html</a></p> <ul style="list-style-type: none"> <li>• December: results announced in Newsletter #6</li> <li>• January 2019: start of 4-yr term for the two new elected members</li> </ul> <p><b>Action GB_18_13:</b> Frank and Laurent will define the job of the Analysis Coordinator.</p> <p><b>Action GB_18_14:</b> The Central Bureau will carry out the actions for the elections.</p>
<p><b>IDS report 2017</b></p>	<p>The report is almost ready. All contributions received before the end of April. Only the cover is missing. The report (without cover at this time) is here:  <a href="https://ids-doris.org/documents/report/IDS_Report_2017.pdf">https://ids-doris.org/documents/report/IDS_Report_2017.pdf</a></p> <p>Thanks to all contributors for their effort!</p> <p><b>Action GB_18_15:</b> Pascale and Jérôme will provide the distribution list and update it with elements from the GB members.</p>
<p><b>Next newsletter</b></p>	<p>#4 was issued in November 2017.</p> <p>Two others planned this year</p> <p>#5, July: topics are « review of IDS meetings », « renovation at Rothera », « Sentinel-3B », election announcement.</p> <p>Frank proposes to include results from the Copernicus POD QWG in the article about Sentinel-3B.</p> <p>#6, December: possible topics are “review of IDS Workshop”, “election results”, “station at Ponta Delgada”, “activity with Mathis Blossfeld on the DORIS implementation in DOGS”</p> <p><b>Action GB_18_16:</b> Marek will send pictures of the retreat and any other material.</p> <p><b>Action GB_18_17:</b> Guilhem will initialize the article about the retreat.</p> <p><b>Action GB_18_18:</b> Jérôme will provide the article about Rothera (mid-July)</p> <p><b>Action GB_18_19:</b> Frank and Laurent will work on the text with results from the POD QWG for the article on Sentinel-3B.</p> <p><b>Action GB_18_20:</b> Laurent will initiate the article about the elections and iterate with Frank.</p> <p><b>Action GB_18_21:</b> Frank will provide an article about the activity with Mathis Blossfeld on the DORIS implementation in DOGS.</p>



<p><b>Proposal for IDS associates</b></p>	<p>It is proposed to add the visitors of the retreat and the AWG meeting, the members of the WG NRT data, Jérôme's contacts in China, and some names suggested by Frank, as well as names to be removed (retirements or other).</p> <p><b>Action GB_18_22:</b> Frank will send his proposals  <b>Action GB_18_23:</b> Jérôme will send the names of his contact in China.  <b>Action GB_18_24:</b> Laurent will contact the proposed associates to seek their approval.</p>
<p><b>AOB</b></p>	<p>-Next AWG meetings  2 AWG meetings will be organized in 2019. The locations could be Munich for the first meeting to be held before EGU (7-12 April), and Prague or Darmstadt for the second in September.</p> <p>-Essential Geodetic Variables  GGOS set up a Committee to define Essential Geodetic Variables (EGV). The IAG Services were asked to nominate their representatives. Jean-Michel and Laurent are proposed to be the two IDS representatives.</p> <p><b>Action GB_18_25:</b> The Analysis Coordination will contact Denise and Mathis Blossfeld for the organization of the AWG Spring meeting in Munich.</p> <p><b>Action GB_18_26:</b> Frank will forward the presentation of Richard Gross at the IVS meeting, with points on discussing EGV.</p>
<p><b>Next GB meeting</b></p>	<p>Early September 2018 in Paris, France, location TBD. Sole topic: strategic plan and actions following the retreat</p>

**Appendix: action list** (new actions and changes are blue colored)

N°	Origin	Title	Action	answer	Resp.	Opening date	Deadline	status
GB_14_18	GB	Availability of SAA-corrected data files for SPOT-5 and Jason-1	Check the availability of the Jason-1 data files corrected by GSC AC. Check them and upload them to the Data centers with documentation. Move Spot-5 and Jason-1 corrected data files to the « official » directory with an incremented version number.	HC will complete Jason-1 and Spot-5 SAA corrected dataset. Jason-1 dataset complete. The two whole sets will be moved as soon as the last SAA Spot-5 files are provided 2016/05/26: full dataset of SPOT-5 SAA corrected OK; Hugues contacts Carey for file naming and archiving 2017/05/24: to avoid confusion with data provided by CNES, corrected dataset will be put in subdirectories with a specific name 2018/06/15: create a directory, move the files, readme file, DORISmail	F. Lemoine, H. Capdeville, Data Centers	28/10/2014	31/12/2018	open
GB_16_12	GB	ToR	propose a correction of the Terms of Reference about the duration of the Chairperson's term	2017/05/24: take into account the correction chosen by the GB (maintain the Chair as ex-officio) and update the ToR 2018/06/15: Frank will quickly check the proposition sent by Laurent	Central Bureau + F. Lemoine	01/11/2016	28/06/2018	open

N°	Origin	Title	Action	answer	Resp.	Opening date	Deadline	status
GB_16_20	GB	SAA effects	define together with the Analysis Coordination the contributions expected to test the SAA strategy, contact the ACs and evaluate the solutions	Nov. 3: proposition for the tests sent to ACs by CC 2017/05/24: resend proposition to ACs; perform test on Jason-2 2018/06/15: to be included in the preparation phase of the processing for the next ITRF; define strategies and a roadmap	G. Moreaux	01/11/2016	31/12/2018	open
GB_17_01	GB	IDS retreat	contact H. Schuh to get its feedback on the organization of the IVS and IERS retreats.	2017/009/05: Harald contacted by Frank	G. Moreaux, F. Lemoine	24/05/2017	15/09/2017	closed
GB_17_02	GB	IDS retreat	elaborate a survey to be distributed to get feedback from both inside and outside the IDS community on questions such as (i) do they know about IDS, (ii) which IDS products do they use, (iii) can these products be easily used, (iv) which other products would they be interested in?...		GB and CB	24/05/2017	31/12/2017	closed
GB_17_03	GB	IDS retreat	answer the two questions: where are we and what do we do well?		GB members	24/05/2017	31/12/2017	closed
GB_17_04	GB	IDS retreat	identify candidates to be the facilitator of the retreat.		GB	24/05/2017	31/12/2017	closed
GB_17_06	GB	new GGOS Joint Study Group	contact Michael Schmidt to join the study group JSG1 as IDS rep	September 2017: email exchanges Frank-Michael about JSG1 and JSG2	D. Dettmering	24/05/2017	31/12/2018	open
GB_17_07	GB	DOI for DORIS datasets	organize a telecom with Patrick Michaël, Bruno Garayt, Jérôme Saunier, Pascale Ferrage and Laurent Soudarin about the DOI		F. Lemoine	24/05/2017	31/12/2018	open



N°	Origin	Title	Action	answer	Resp.	Opening date	Deadline	status
GB_17_08	GB	WG NRT-DORIS data	announce the creation of the WG by DORISmail and in the Newsletter, and create a dedicated page on the Website		Central Bureau	24/05/2017	31/12/2017	closed
GB_17_09	GB	article about DIODE pole for IDS Newsletter	submit Christian Jayles' article to the GB	Redefined, see GB_18_01	Central Bureau	24/05/2017	15/09/2017	closed
GB_17_10	GB	Switch to ITRF2014 for IDS operational products	notify Michiel Otten and Sergei Kuzin of the decision to switch to ITRF2014/DPOD2014 for IDS operational products		Analysis Coordination	24/05/2017	31/12/2017	closed
GB_17_11	GB	Switch to ITRF2014 for IDS operational products	notify the decision on the website		Central Bureau	24/05/2017	31/12/2017	closed
GB_17_12	GB	Installation at San Juan	ask ILRS and IVS for clarification about San Juan	September 2017: letters send to ILRS and IVS	F. Lemoine	24/05/2017	31/12/2017	closed
GB_17_13	GB	HY-2A's quaternions	send an official request for HY-2A's quaternions and following missions		F. Lemoine, J.-M. Lemoine	24/05/2017	31/12/2018	open
GB_17_14	CB	Quaternions	send a letter to Pierre Femenias asking for quaternions (and solar panel angles) of Envisat, Cryosat-2, Sentinel-3A&B (+ GNSS RINEX L1B Sentinel-3 ?)	-directly to IDS (optimal) -via SSALTO for delivery to DCs?	F. Lemoine, H. Capdeville	12/07/2017	31/12/2018	open
GB_18_01	GB	article about DIODE pole for IDS Newsletter	send the article Guilhem, Frank, Jean-Michel and Hugues + cc Christian	GB suggests Christian propose first a journal article or technical note; the CB will focus on this paper in the Newsletter afterwards. Guilhem, Frank, Jean-Michel and Hugues can help with the article (or note).	L. Soudarin	15/06/2018	31/12/2018	open

N°	Origin	Title	Action	answer	Resp.	Opening date	Deadline	status
GB_18_02		Retreat	write a report	1. Marek leads the report 2. Complement by GM, FL, PF, LS 3. Notes from secretaries	M. Ziebart	15/06/2018	15/09/2018	open
GB_18_03		Retreat	ask the secretaries to provide their notes		F. Lemoine	15/06/2018	30/06/2018	open
GB_18_04		Retreat	remove the presentations from the ftp; propose a tar file to the participants if needed		L. Soudarin	15/06/2018	30/06/2018	open
GB_18_05		Retreat	organize a meeting in Paris early September		F. Lemoine + CB	15/06/2018	15/09/2018	open
GB_18_06		Retreat	write thank-you letters (BdL, CNES, invited people)		F. Lemoine + G. Moreaux	15/06/2018	30/09/2018	open
GB_18_07		Sinex Masterfile	contact the DCs for a storage solution of the Sinex Masterfile		G. Moreaux	15/06/2018	30/06/2018	open
GB_18_08		EOP series derived from the combined solution	get approval of ACs for the EOP series		G. Moreaux	15/06/2018	30/06/2018	open
GB_18_09		IDS Workshop in Ponta Delgada	send the list of abstract to Hugues		L. Soudarin	15/06/2018	30/06/2018	open
GB_18_10		IDS Workshop in Ponta Delgada	address the issue of the proceedings (ask Pascal Willis how to do, ask the authors what their intentions are, find one or two editors)		F. Lemoine	15/06/2018	15/09/2018	open
GB_18_11		IDS Workshop in Ponta Delgada	ask Jérôme Benveniste for the content of the POD session of the Symposium		L. Soudarin	15/06/2018	30/06/2018	open
GB_18_12		IDS Workshop in Ponta Delgada	contact the host agency to organize a visit of the station and invite the representative to the GB meeting		J. Saunier	15/06/2018	15/09/2018	open
GB_18_13		IDS elections	define the job of the Analysis Coordinator		F. Lemoine + L. Soudarin	15/06/2018	15/07/2018	open

N°	Origin	Title	Action	answer	Resp.	Opening date	Deadline	status
GB_18_14		IDS elections	carry out the actions for the elections		L. Soudarin	15/06/2018	31/12/2018	<b>open</b>
GB_18_15		IDS report 2017	provide the distribution list and update it with elements from the GB members.		P. Ferrage + J. Saunier	15/06/2018	15/07/2018	<b>open</b>
GB_18_16		Newsletter #5	send pictures of the retreat and any other material.		M. Ziebart	15/06/2018	15/07/2018	<b>open</b>
GB_18_17		Newsletter #5	initialize the article about the retreat		G. Moreaux	15/06/2018	15/07/2018	<b>open</b>
GB_18_18		Newsletter #5	provide the article about Rothera		J. Saunier	15/06/2018	15/07/2018	<b>open</b>
GB_18_19		Newsletter #5	work on the text with results from the POD QWG for the article on Sentinel-3B		F. Lemoine + L. Soudarin	15/06/2018	15/07/2018	<b>open</b>
GB_18_20		Newsletter #5	initiate the article about the elections and iterate with Frank		L. Soudarin	15/06/2018	15/07/2018	<b>open</b>
GB_18_21		Newsletter #6	provide an article about the activity with Mathis Blossfeld on the DORIS implementation in DOGS		F. Lemoine	15/06/2018	15/11/2018	<b>open</b>
GB_18_22		Proposal for IDS associates	send his proposals		F. Lemoine	15/06/2018	15/07/2018	<b>open</b>
GB_18_23		Proposal for IDS associates	send the names of his contact in China		J. Saunier	15/06/2018	15/07/2018	<b>open</b>
GB_18_24		Proposal for IDS associates	contact the proposed associates to seek their approval		L. Soudarin	15/06/2018	15/07/2018	<b>open</b>
GB_18_25		Next AWG meeting	contact Denise and Mathis Blossfeld for the organization of the AWG Spring meeting in Munich		Analysis Coordination	15/06/2018	15/09/2018	<b>open</b>
GB_18_26		EGV	forward the presentation of Richard Gross at the IVS meeting, with points on discussing EGV		F. Lemoine	15/06/2018	15/07/2018	<b>open</b>